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INTERIOR

Kreodone
EVERLASTING

WOOD
BLOCK
FLOORS

For FACTORIES
WAREHOUSES
PLATFORMS ETC.

REPUBLIC CREOSOTING COMPANY
INDIANAPOLIS

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Kreodone
EVERLASTING

INTERIOR
WOOD BLOCK
FLOORS



Republic Creosoting
Company
Indianapolis



The Perfect Floor

PRIMITIVE man had little use for floors. His occupation was to procure food—and that was not to be done in his habitat. In the later ages, when man had learned that he could induce others to bring him food in return for manufactured articles, the home of the artisan was turned into his workshop, and increasing specialization and co-operation finally produced the separate factory or community workshop.

Co-operative manufacturing went forward with rapid strides and the logical development was a constantly higher degree of specialization in factories, and in the construction and equipment of specialized factories.

During this evolution of industrial production, floors have always been of vital importance. The first factory floor was Mother Earth—followed by flat rocks or slabs of stone to give a surface that would withstand pounding and moisture.

Since those early days many materials have been tried and most of them have proved but partially successful, being either too hard and brittle, like cement and monolithic construction, or too short lived, as in the case of plank and asphalt.

All things considered, it is an undisputed fact that wood of some kind is the most comfortable, efficient and adaptable floor for human enterprises. It is by far the most economical floor when properly protected against decay and wear.

Since the time of early Egypt it has been known that wood can be protected against decay and other fungous and insect enemies by impregnation with preservative oils. It was not surprising, therefore, that modern factory owners took advantage of this discovery and had their floor planks and joists treated before using.

When properly done this gave to plank floors a length of service that was limited only by the amount of mechanical wear and tear on the planks. Decay was overcome, but splintering, slivering and rapid wear still remained.

Slightly over twenty years ago THE REPUBLIC CREOSOTING COMPANY produced the first Creosoted Wood Block for a factory floor—*discovering* the principle on which the modern Kreodone Interior Wood Block has established itself as the *perfect factory floor*.

Perfection in manufacture of the block and construction of the floor have now developed to a point where cost is very favorable when compared with other types used heretofore and greatly cheaper when durability and service are considered.

Kreodone Interior Wood Block Flooring



*Van Dorn Iron Works
Cleveland, Ohio*



Advantages of Kreodone Floors

KREODONE INTERIOR WOOD BLOCK FLOORS are superior to every known type of floor for industrial use. Twenty years of service is long enough to thoroughly establish the reputation of any floor, and these twenty years have proved the marked superiority of Kreodone in every point of service and economy expected of a flooring material.

Service—Kreodone Blocks have proved beyond a question that they will outlast any other flooring material ever discovered. The longer and harder the wear, the smoother and more compact becomes their wearing surface. Kreodone floors laid by us twenty years ago are still in perfect condition and show no serious evidence of wearing out.

Economy—Kreodone Floors contribute to the saving in your plant both directly and indirectly. *Directly* by disposing of floor maintenance and repair costs and because of their adaptability. *Indirectly* by improving plant conditions, viz: material is moved about more easily and noiselessly, without delays or accident, on account of its smooth, solid surface and also because of improved sanitary and restful effect on your forces.

Adaptability—Kreodone Floors are most adaptable to varying conditions and demands. They can be laid over practically any old floor or suitable foundation. The work can be done without interrupting plant operation. And we have yet to find an industrial condition where Kreodone Wood Block Floors were not certain to make an improvement in production and a reduction in operating costs.

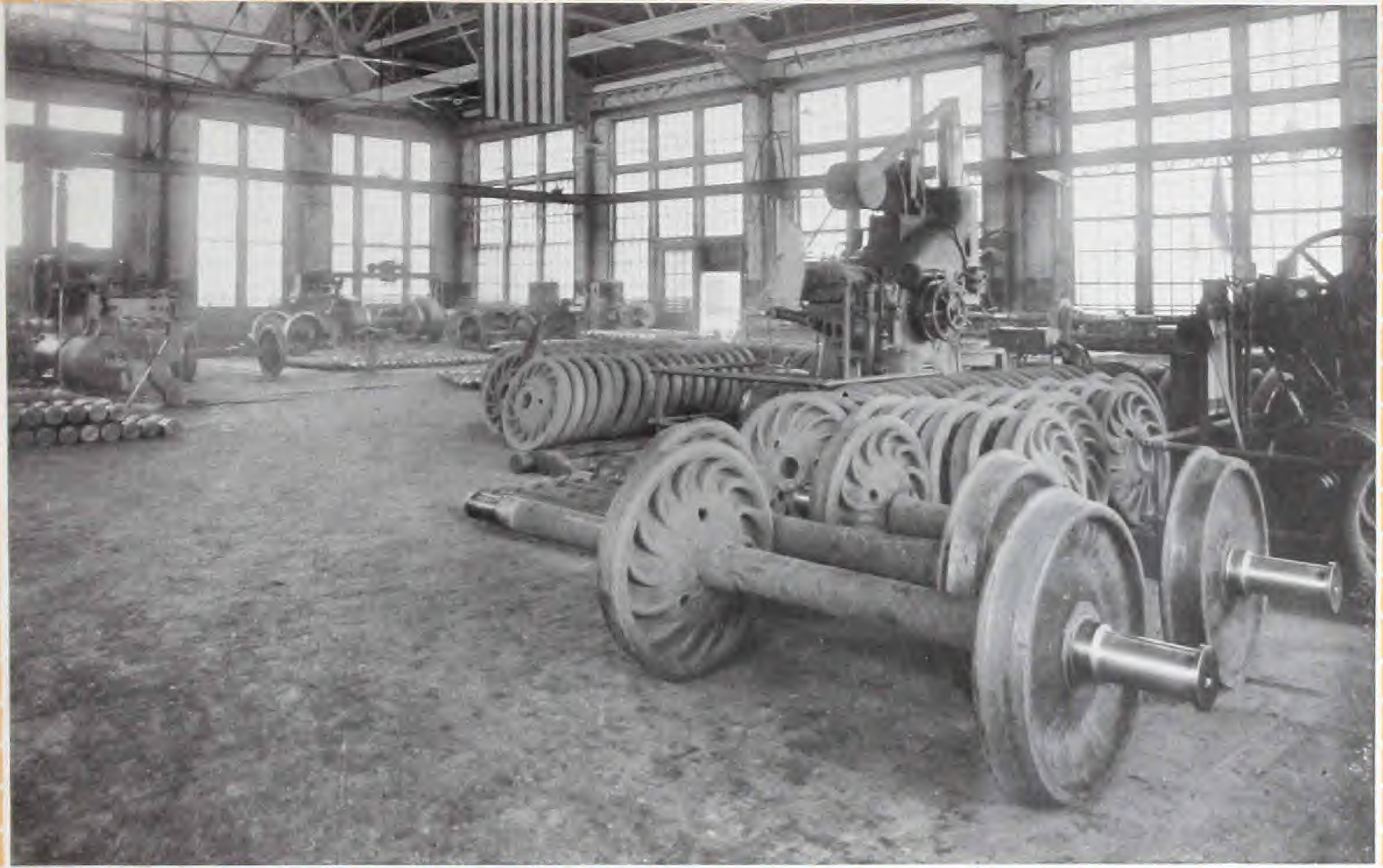
Comfort—Kreodone Floors are approached in comfort only by good plank floors. No flooring material is so easy on the feet as a good, even, wood floor, and Kreodone Blocks interpose three inches of warm, dry wood between the feet and the cold cement foundation.

Safety—The vertical grain of the Kreodone Blocks gives a grip to the feet that prevents slipping, even where the floor is constantly wet. The resilient surface cushions the shocks and blows, reduces breakage of falling castings and tools, and very materially lessens vibration and noise.

Sanitation—In the maintenance of perfect sanitation, Kreodone Floors are without an equal. There are no open cracks to collect filth and germs. Germs cannot live on a Kreodone Floor.

The wear-proof surface of the blocks cannot produce dust, as does concrete, and the Kreodone Oil holds dust from other sources on the floor and prevents it from flying. The freedom from dust in the air not only lessens the spread of disease, but it also eliminates getting grit into bearings, which is a serious drawback to crumbling, dusting concrete floors.

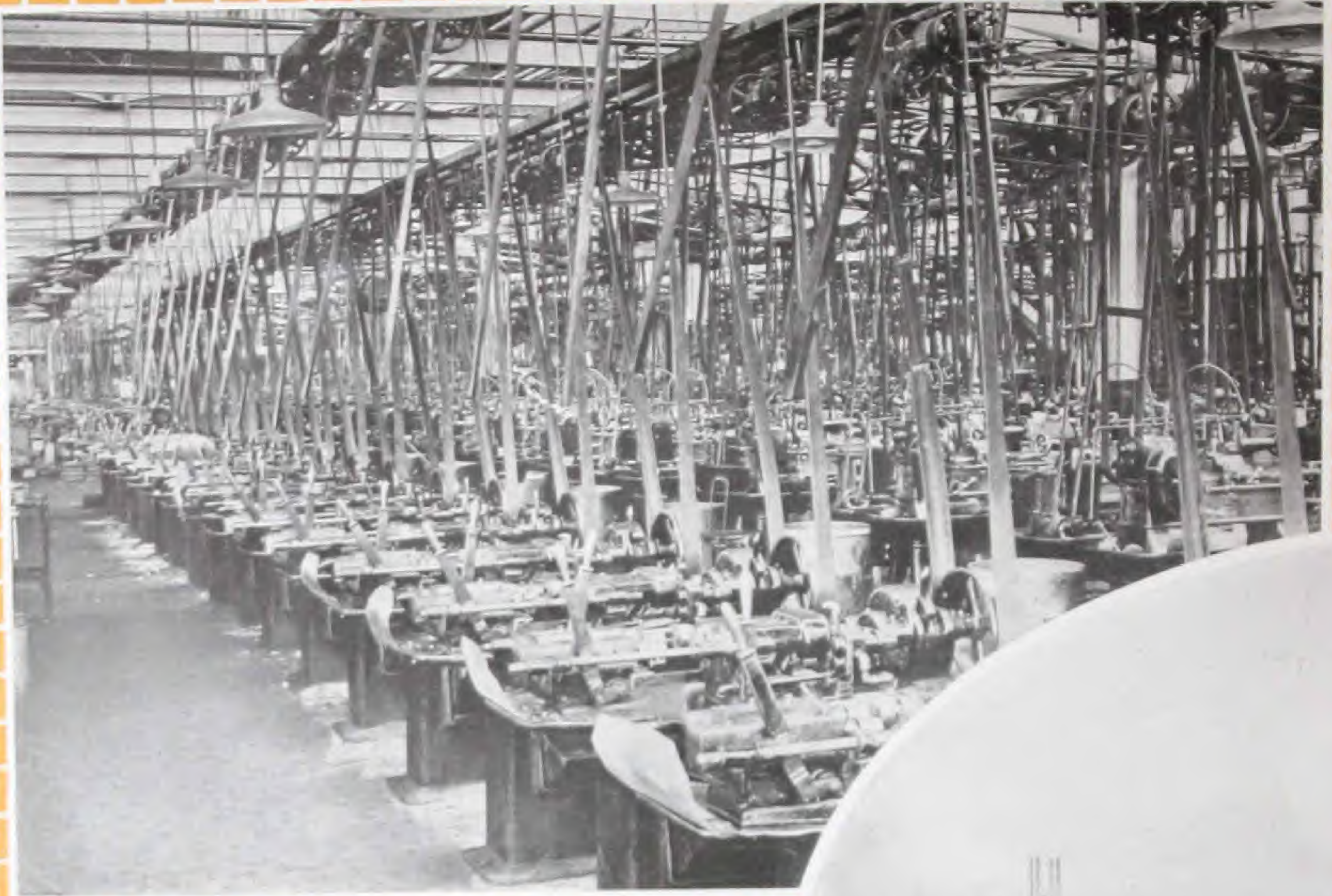
Kreodone Interior Wood Block Flooring



*Big Four Railroad Wheel Shop
Indianapolis, Indiana*

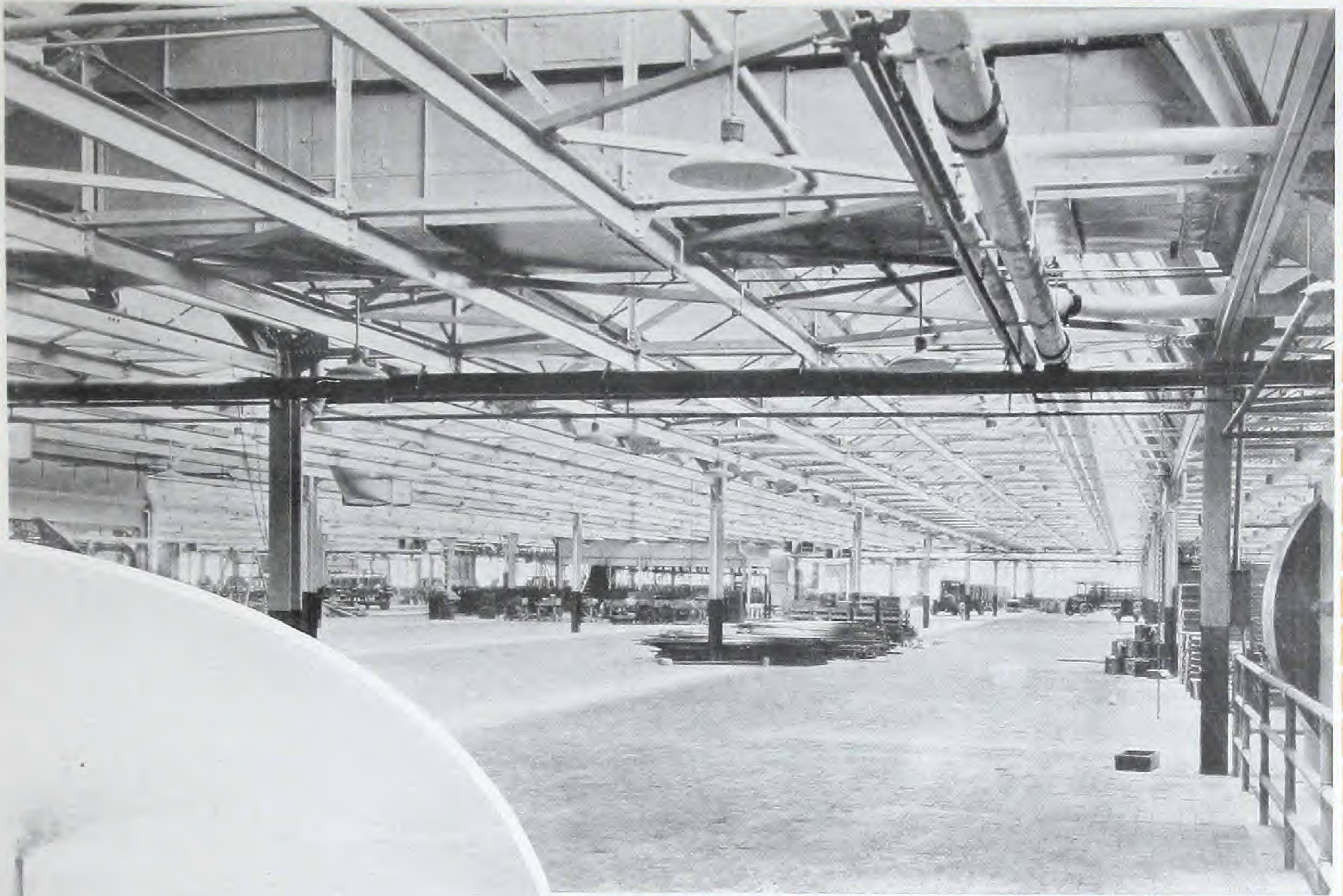


Republic Creosoting Company Indianapolis

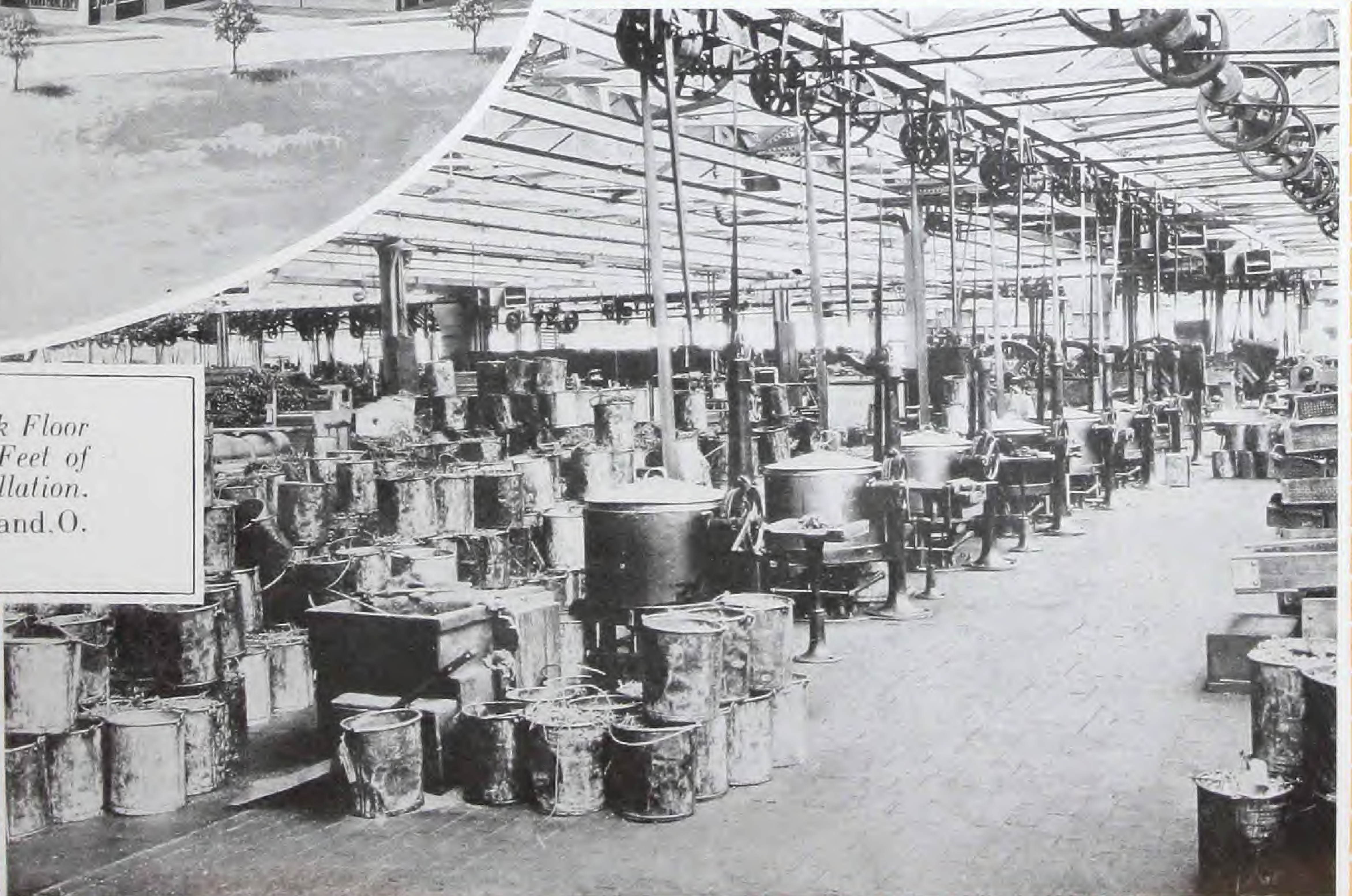


*The Largest In
in the World.
Kreodone Blo
NATIONAL ACH*

Kreodone Interior Wood Block Flooring



ial Wood Block Floor
000 Square Feet of
n One Installation.
MPANY, Cleveland, O.



Materials and Methods

MANY years of experience in this field have enabled us to build Kreodone Interior Wood Block Floors to a definite standard. We have met and conquered every conceivable floor service problem. Every Kreodone Block is cut by automatic machinery from selected Long-Leaf Yellow Pine of the best grade. Only clear seasoned stock is used, and each Kreodone Block is required to show not less than eight annual rings per inch, with one-third summer wood.

Two centuries of experimenting have failed to find a material equal to Long Leaf Yellow Pine of the above description for the manufacture of durable paving blocks for any purpose whatsoever. They defy competition for durability.

All timber is seasoned in our yards for a suitable period to dry out the natural moisture in the timber, and overcome the shrinkage that would develop in a floor made from green stock.

These blocks are cut to a uniform depth so that when laid on a level base they will form a smooth and level working surface.

The perfect blocks are then run into the treating cylinders in our great plants, where they are thoroughly impregnated with hot Kreodone Oil, to make them decayproof, yet dry and clean.

Kreodone Oil is the most permanent grade of pure creosote oil that has ever been developed for the treatment of wood by any process. It is distilled from high-grade coal tar by our special process, which gives to Kreodone Oil fully three times as much permanent body as can be found in any other creosote oil.

Kreodone Oil is entirely free from coal tar or other adulterants, hence Kreodone Blocks will never bleed tar or develop the sticky, slimy smudge that is invariably found in connection with blocks treated with the so-called "tar-oils" or adulterated creosote oil.

Kreodone Oil is also free from the light oils and volatile elements that evaporate or dissolve, and leave the wood unprotected and subject to the attacks of moisture and decay. Kreodone Oil goes into the wood and stays there. It is not affected by heat, cold, moisture or very dry conditions. A Long-Leaf Yellow Pine Block treated with Kreodone Oil, therefore, represents the most durable floor material that has ever been discovered by engineering science.

The finished Kreodone Blocks are laid on a suitable foundation, wood grain up, breaking joints between the courses. Between the blocks and the foundation is a coating of waterproof pitch, which prevents water from working up through the concrete and also binds the blocks to the foundation.

A pitch filler from the top is seldom necessary, and is not to be used unless factory conditions demand it. There is sufficient bond in the cushion to tie the blocks permanently to the base and to each other.

Small machines are usually lag-screwed directly to the blocks, while heavy machinery is furnished with suitable concrete foundations.

This, in brief, describes both the materials and methods used in producing and laying KREODONE INTERIOR WOOD BLOCK FLOORS. And their reputation stands established today in every industry requiring real floor service.

Kreodone Interior Wood Block Flooring



*Van Dorn Iron Works
Cleveland, Ohio*



Republic Creosoting Company : Indianapolis

A Double Service

OUR wealth of experience and years of service in this field have enabled us to standardize the manufacture and treatment of Kreodone Blocks, and the result is a floor block that is just as superior to ordinary creosoted wood floor blocks as it is superior to concrete, asphalt, stone, brick, plank, compositions, or any other industrial flooring material, either ancient or modern.

But the same experience has taught us that no blanket specifications can be written covering the laying of a perfect floor under all conditions of service.

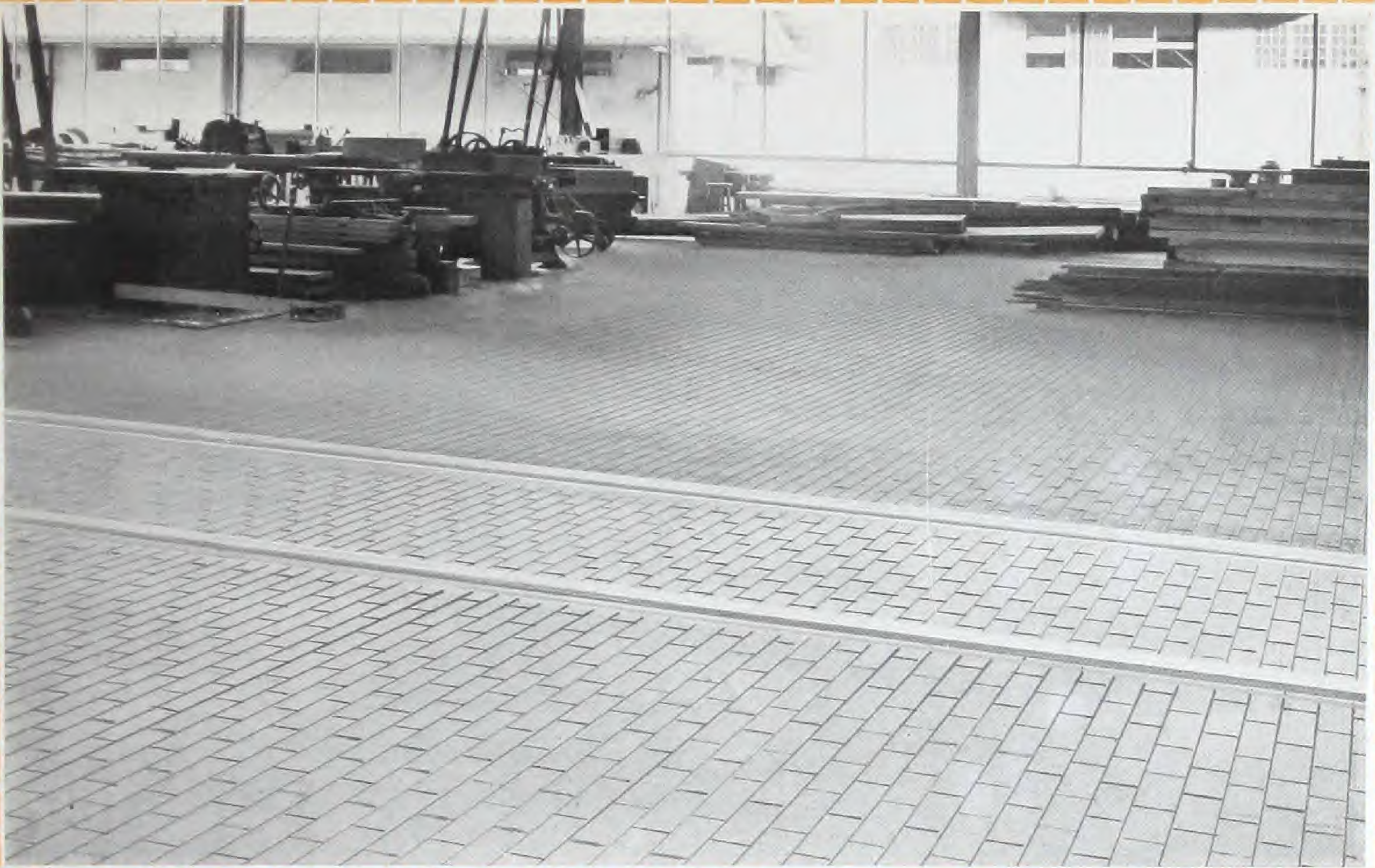
We have a standard set of specifications which covers practically all shop conditions, and we will gladly furnish these specifications to any owner, architect, engineer or contractor for examination. In all cases, however, we strongly urge that full particulars regarding the proposed floor and its uses be forwarded for the consideration of our engineers, to the end that we may suggest a construction to insure perfect results and preserve the unbroken reputation of KREODONE INTERIOR WOOD BLOCK FLOORS.

Service of this kind, coupled with the fact that we produce both the Blocks and the Kreodone Oil in our own plants, enables us to produce a finished floor that fulfills expectations under any conceivable set of service conditions.

The adaptability and durability of KREODONE INTERIOR WOOD BLOCK FLOORS makes them the most logical installation for

Machine Shops
Foundries
Factories
Railroad Shops and Round Houses
Freight Houses
Automobile Plants
Metal and Wood-working Plants
Rolling Mills
Rubber Working Plants
Warehouses
Bakeries
Stables
Breweries
Driveways
Express and Baggage Platforms
Fire Stations
Garages
Loading Platforms
Paper Mills
Printing Plants
Railroad Stations and Platforms
Shoe Factories
Tanneries
Textile Mills
Armories, Etc.

Kreodone Interior Wood Block Flooring



*U. S. Government Planing Mill
Balboa, Canal Zone*



Kreodone Interior Wood Block Flooring

Know What You Are Buying

A Kreodone Floor, laid according to our specifications, will give better and longer service than any other known type of industrial floor. Time has proved this fact and it can easily be substantiated.

The great success of Kreodone has brought into being a number of imitators, all of whom seek to trade on and profit by the reputation of Kreodone.

Prospective purchasers should bear in mind the fact that the kind of oil used in treating the blocks is the most important factor in success, and no other manufacturer produces an oil equal to Kreodone Oil in permanence and preserving power.

Purchasers are particularly warned against accepting any blocks which have been treated with creosote oil containing Tar, Water-Gas Tar Products, Pitch or volatile elements.

Tar is the most common adulterant, and even a small amount will bleed from the wood and produce a sticky, smeary surface until all of the tar has come out of the wood. Furthermore, when the tar has finally

escaped from the blocks, it leaves the cells open and the wood fibres exposed to the entrance of moisture and decay.

CAUTION: Blocks which have been treated with an oil adulterated with TAR can be identified by their black color. The genuine Kreodone Block has a clear brown color—visible proof of its freedom from TAR.

In placing contracts for floor blocks, always specify that they are to be treated with pure creosote oil, free from any trace of Tar.



Kreodone Blocks Will Never Bleed Tar. The Kreodone Oil cannot Evaporate or Dissolve.



This Photograph Shows the Invariable Result of Treating Blocks with Tar-Oil. Note the Tar On the Surface.

REPUBLIC CREOSOTING COMPANY

GENERAL OFFICES
INDIANAPOLIS, INDIANA

BRANCH SALES OFFICES:

315 People's Gas Bldg.
Chicago.

222 Society for Savings Bldg.
Cleveland

31 Transportation Bldg.
Philadelphia

828 Plymouth Bldg.
Minneapolis

445 Central Bldg.
Seattle

Masonic Temple Bldg.
Mobile

PLANTS:

Indianapolis

Minneapolis

Mobile

Seattle

Norfolk



